

Title (en)

Spatial structural element prefabricated by means of folding and/or molding.

Title (de)

Räumliches Flächenelement vorgefertigt durch Falten und/oder Giessen.

Title (fr)

Pièce de construction spatiale préfabriquée par pliage et/ou moulage.

Publication

EP 0631023 A1 19941228 (EN)

Application

EP 93500095 A 19930625

Priority

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Abstract (en)

The spatial structural prefabricated element is the result of the formation by means of folding, molding or extruding of polygon surfaces limited by edges which coincide with the linear elements of which the spatial structures are composed, in such a way that the basis of the pyramids (normal or inverted), are closed by means of plates or continuous flat meshes made with an adequate material. The prefabricated element is a rigid body, sandwich type with a high resistance to stress, bending and sagging and with an inner texture which corresponds to the texture of a spatial structure with embodied inner faces. The prefabricated element can be obtained from a wide variety of materials and the application fields are: industry, engineering, building and even agriculture to make forging, walls, insulation panels, floating items, sills, etc. <IMAGE>

IPC 1-7

E04C 2/32; **E04B 7/10**

IPC 8 full level

E04B 7/02 (2006.01); **E04B 7/10** (2006.01); **E04C 2/32** (2006.01)

CPC (source: EP)

E04B 7/028 (2013.01); **E04B 7/107** (2013.01); **E04C 2/32** (2013.01)

Citation (search report)

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